

CARBOCYCLIC NUCLEOSIDES AND PROCESS FOR OBTAINING

ABSTRACT OF THE DISCLOSURE

A six membered, at least partially unsaturated, carbocyclic nucleoside compound, including the (-) enantiomer, the (+) enantiomer, and pharmaceutically acceptable salts and esters thereof, the compounds represented by general formula (I) wherein: Z represents the presence of 1 or more double bonds in the six membered carbocyclic ring, B is a heterocyclic ring selected from the group consisting of pyrimidine and purine bases, X is a hydrogen, azido, F, or OR², R¹ and R² are the same or different and represent the same or different protecting groups, hydrogen, alkyl, alkenyl, acyl or phosphate moieties wherein; the alkyl moiety is a saturated, substituted or unsubstituted straight or branched chains hydrocarbon radical having from 1 to 20, for example 1-16, 1-14, 1-12, 1-10, 1-8, 1-4, carbon atoms, the alkenyl moiety is an unsaturated congener of the alkyl group and, the acyl moiety is an alkanoyl or aroyl moiety, wherein alkanoyl is an alkyl carbonyl radical, wherein alkyl is as described above and aroyl represents benzoyl substituted benzoyl or naphthoyl.